

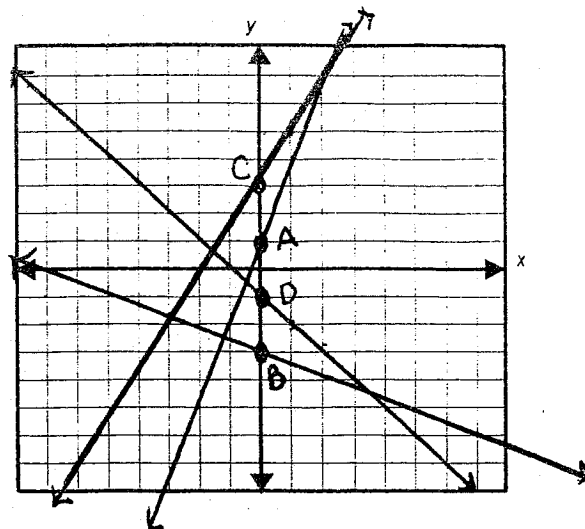
Graphs of the following functions are shown in the graph on the right.

$$y = 3x + 1$$

$$y = 2x + 3$$

$$y = -\frac{1}{2}x + 3$$

$$y = -x - 1$$



What do you notice about where the points lie on the graph? _____

What are the coordinates of points A, B, C, & D?

A = _____ B = _____ C = _____ D = _____

What do you notice about the x-coordinates of the points above? _____

☺ y-intercept: _____

x-coordinate = _____

Example 1: Find the y-intercept of the graph of $y = 3x - 2$